## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| S1   | 166  | 375/146.ccls. and generat\$3<br>with spreading adj code\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>20:53 |
| S2   | 73   | S1 and equation  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>20:54 |
| S3   | 48   | S2 and @ad<="20030710"                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>20:54 |
| S4   | 1    | S3 and base with logarithm                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>20:59 |
| S5   | 3409 | generat\$3 with spreading<br>adj code\$1                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>21:01 |
| S6   | 11   | S5 and base with logarithm                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>21:01 |
| S7   | 8    | S6 and @ad<="20030710"                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/12/02<br>21:01 |

| S8  | 0    | "375"/\$.ccls. and "eq. (1)".<br>clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>21:44 |
|-----|------|---|---|----|----|---------------------|
| S9  | 0    | "375"/\$.ccls. and "eq.".clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>21:44 |
| S10 | 2602 | "375"/\$.ccls. and "equation".<br>clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>21:44 |
| S11 | 1646 | S10 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>21:44 |
| S12 | 27   | S11 and spreading adj code.<br>clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>21:45 |
| S13 | 4    | "3099795".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>23:14 |
| S14 | 2    | "3747099".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>23:19 |
| S15 | 0    | (spreading polyphase<br>barker) adj code\$1 with<br>(adaptive arbitrary) adj<br>lenght\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>00:52 |
| S16 | 4    | (spreading polyphase<br>barker) adj code\$1 with<br>(adaptive arbitrary) adj<br>length\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>00:53 |

| S17 | 1    | 370/335.ccls. and (spreading polyphase barker) adj code \$1 with (adaptive arbitrary) adj length\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>00:54 |
|-----|------|--|---|----|----|---------------------|
| S18 | 3    | 370/335.ccls. and (spreading polyphase barker) adj code \$1 and (adaptive arbitrary) adj length\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>01:11 |
| S19 | 3    | 370/335.ccls. and (spreading polyphase barker) adj code \$1 and (adaptive arbitrary) adj length\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>09:37 |
| S20 | 1    | (US-20030122697-\$).did.   | US-PGPUB  | OR | ON | 2008/12/03<br>09:44 |
| S21 | 3    | 341/173.ccls. and generat\$3 with spreading adj code\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR | ON | 2008/12/03<br>09:46 |
| S22 | 3    | 341/173.ccls. and generat\$3<br>with spreading adj (code\$1<br>sequence\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR | ON | 2008/12/03<br>09:47 |
| S23 | 2    | S22 and @ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>09:47 |
| S24 | 12   | ("5228054"   "5600847"  <br>"5623485"   "5629955"  <br>"5835488"   "6005888"  <br>"6054832"   "6141374"  <br>"6154101"   "6411980"  <br>"6442152"   "6445714").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/03<br>09:48 |
| S25 | 4    | S24 and multiplication   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/03<br>09:55 |
| S26 | 2172 | spread\$3 adj code adj<br>generat\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR | ON | 2008/12/03<br>09:58 |
| S27 | 2    | S23 and @ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>09:58 |

| S28         | 1691 | S26 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>09:58 |
|-------------|------|---|---|----|----|---------------------|
| S29         | 0    | S28 and (multiplication<br>multiplying) with (chip adj<br>number and code adj<br>number)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>09:59 |
| S30         | 2    | (multiplication multiplying)<br>with (chip adj number and<br>code adj number)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>10:00 |
| S31         | 6    | S28 and (multiplication<br>multiplying) with (chip adj<br>number or code adj number)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>10:01 |
| <b>S</b> 32 | 23   | ("5416797"   "5546424"   "5566164"   "5602833"   "5619526"   "5638362"   "5734647"   "5818867"   "5870378"   "5930230"   "5966373"   "5991284"   "6009091"   "6028888"   "6047306"   "6097712"   "6108369"   "6122310"   "6246697"   "6246976"   "6381229"   "6519278"   "6560194").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/03<br>10:07 |
| S33         | 0    | S32 and (multiplying multiplication) with (code adj number chip adj number)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/03<br>10:29 |
| S34         | 0    | 370/203.ccls. and (spreading polyphase barker) adj code \$1 and (adaptive arbitrary) adj length\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>10:30 |
| S35         | 4    | 370/203.ccls. and (spreading polyphase barker) adj code \$1 and (adaptive variable arbitrary) adj length\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>10:30 |

| S36 | 4  | S35 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>10:31 |
|-----|----|---|---|----|----|---------------------|
| S37 | 50 | (US-20010055294-\$ or US-20020027898-\$ or US-20020034215-\$ or US-20020041623-\$ or US-20020159515-\$ or US-20020181421-\$ or US-20030137957-\$).did. or (US-6259721-\$ or US-5488629-\$ or US-5610939-\$ or US-5881099-\$ or US-5737362-\$ or US-5737362-\$ or US-5907586-\$ or US-5920554-\$ or US-6154454-\$ or US-6154454-\$ or US-6154454-\$ or US-6167269-\$ or US-6487237-\$ or US-6496474-\$ or US-6496474-\$ or US-6522639-\$ or US-6522639-\$ or US-6545991-\$ or US-6546042-\$ or US-6788659-\$ or US-6650692-\$).did. or (US-6782041-\$ or US-6788659-\$ or US-7012909-\$ or US-7031371-\$ or US-7061975-\$ or US-7099366-\$ or US-7139483-\$ or US-7142526-\$ or US-7281189-\$ or US-7339955-\$ or US-7386055-\$ or US-7411997-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2008/12/03          |
| S38 | 0  | S37 and (spreading polyphase barker) adj code \$1 and (adaptive variable arbitrary) adj length\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>11:49 |
| S39 | 0  | S37 and generat\$3 with (spreading pn psuedo adj noise polyphase barker) adj (code\$1 sequence\$1) and (adaptive variable arbitrary) adj length\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>11:53 |

| S40 | 30 | S37 and generat\$3 with (spreading pn psuedo adj noise polyphase barker) adj (code\$1 sequence\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>11:53 |
|-----|----|---|---|----|----|---------------------|
| S41 | 28 | S40 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>11:53 |
| S42 | 0  | S41 and (adaptive variable arbitrary) adj length\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>12:03 |
| S43 | 2  | 375/136.ccls. and (spreading polyphase barker) adj code \$1 and (adaptive variable arbitrary) adj length\$1                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>12:04 |
| S44 | 6  | 375/149.ccls. and (spreading polyphase barker) adj code \$1 and (adaptive variable arbitrary) adj length\$1                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>12:21 |
| S45 | 9  | 375/149.ccls. and (spreading<br>pn psuedo adj noise<br>polyphase barker) adj code<br>\$1 and (adaptive variable<br>arbitrary) adj length\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>12:21 |
| S46 | 9  | S45 and (adaptive variable arbitrary) adj length\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>12:21 |
| S47 | 0  | S46 and (multiplying<br>multiplication) with (code adj<br>number chip adj number)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/03<br>12:22 |
| S48 | 0  | S46 and (multiplying<br>multiplication) with (code adj<br>number chip adj number)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR | ON | 2008/12/03<br>12:22 |
| S49 | 19 | 375/140.ccls. and (spreading pn psuedo adj noise) adj (code\$1 sequence\$1) and (adaptive variable arbitrary) adj length\$1                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:40 |

| S50 | 16 | S49 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:40 |
|-----|----|---|---|----|----|---------------------|
| S51 | 0  | S50 and (multiplication<br>multiplying) with (chip adj<br>number and code adj<br>number)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:41 |
| S52 | 0  | 714/252.ccls. and (spreading<br>pn psuedo adj noise) adj<br>(code\$1 sequence\$1) and<br>(adaptive variable arbitrary)<br>adj length\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:49 |
| S53 | 69 | 375/130.ccls. and (spreading<br>pn psuedo adj noise) adj<br>(code\$1 sequence\$1) and<br>(adaptive variable arbitrary)<br>adj length\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:49 |
| S54 | 16 | S50 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:49 |
| S55 | 56 | S53 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:49 |
| S56 | 0  | S55 and (multiplication<br>multiplying) with (chip adj<br>number and code adj<br>number)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:50 |
| S57 | 43 | S55 and orthogonal  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>15:50 |
| S58 | 2  | "6744808".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:06 |

| S59 | 208 | 375/130-152.ccls. and (spreading pn psuedo adj noise) adj (code\$1 sequence \$1) and (adaptive variable arbitrary) adj length\$1                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:29 |
|-----|-----|--|---|----|----|---------------------|
| S60 | 152 | S59 and @ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:30 |
| S61 | 0   | S60 and (multiplication<br>multiplying) with (chip adj<br>number and code adj<br>number)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:30 |
| S62 | 0   | S60 and (multiplication<br>multiplying) with (chip and<br>code adj number)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:30 |
| S63 | 19  | S60 and (multiplication<br>multiplying) with (chip and<br>code)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:30 |
| S64 | 0   | S63 and (spreading pn<br>psuedo adj noise) adj (code<br>\$1 sequence\$1) with<br>(multiplication multiplying)<br>with (chip and code adj<br>number)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:32 |
| S65 | 0   | S63 and generat\$3 with (spreading pn psuedo adj noise) adj (code\$1 sequence \$1) with (multiplication multiplying) with (chip and code adj number) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:32 |
| S66 | 0   | S63 and generat\$3 with (multiplication multiplying) with (chip and code adj number)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:33 |
| S67 | 0   | 342/150-155.ccls. and<br>(spreading pn psuedo adj<br>noise) adj (code\$1 sequence<br>\$1) and (adaptive variable<br>arbitrary) adj length\$1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:34 |

| S68 | 609  | 342/150-155.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:34 |
|-----|------|--|---|----|----|---------------------|
| S69 | 0    | 342/193-196.ccls. and (spreading pn psuedo adj noise) adj (code\$1 sequence \$1) and (adaptive variable arbitrary) adj length\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:34 |
| S70 | 0    | 333/193-196.ccls. and (spreading pn psuedo adj noise) adj (code\$1 sequence \$1) and (adaptive variable arbitrary) adj length\$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:35 |
| S71 | 3805 | 333/193-196.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>16:35 |
| S72 | 39   | (spread\$3 modulat\$3) adj<br>cod\$3 with (IDFT inverse adj<br>fourier adj transform)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>14:15 |
| S73 | 30   | S72 and @ad<="20040628"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>14:17 |
| S74 | 39   | (spread\$3 modulat\$3) adj<br>cod\$3 with (IDFT inverse adj<br>fourier adj transform)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>17:01 |
| S75 | 30   | S74 and @ad<="20040628"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>17:01 |
| S76 | 1    | papadimitriou.in. and<br>complex adj spreading adj<br>sequence\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>17:06 |

| S77 | 24 | S74 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>17:22 |
|-----|----|---|---|----|----|---------------------|
| S78 | 8  | (375/135 375/140 375/146<br>375/149).ccls. and (spread<br>\$3 modulat\$3) adj2 cod\$3<br>same (IDFT inverse adj<br>discrete adj fourier adj<br>transform)                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>18:41 |
| S79 | 6  | S78 and @ad<="20040628"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>18:41 |
| S80 | 24 | (370/319 370/320 370/335<br>370/336 370/342 370/343<br>370/441 370/442).ccls. and<br>(spread\$3 modulat\$3) adj2<br>cod\$3 same (IDFT inverse<br>adj discrete adj fourier adj<br>transform) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>18:46 |
| S81 | 16 | S80 and @ad<="20040628"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>18:46 |
| S82 | 0  | (455/39 455/91 455/103<br>455/112 455/118).ccls. and<br>(spread\$3 modulat\$3) adj2<br>cod\$3 same (IDFT inverse<br>adj discrete adj fourier adj<br>transform)                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>18:58 |
| S83 | 1  | spreading adj code adj<br>generator same (IDFT<br>inverse adj discrete adj<br>fourier adj transform)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>18:59 |
| S84 | 9  | spreading adj code adj<br>generator same (IDFT ifft<br>inverse adj fourier adj<br>transform inverse adj<br>discrete adj fourier adj<br>transform)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:00 |

| S85 | 4     | S84 and @ad<="20040628"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:00 |
|-----|-------|--|---|----|----|---------------------|
| S86 | 0     | poly adj phase adj codes<br>same (idft inverse adj<br>discrete adj fourier adj<br>transform)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:03 |
| S87 | 4     | poly adj phase adj codes and<br>(idft inverse adj discrete adj<br>fourier adj transform)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:04 |
| S88 | 2     | S87 and @ad<="20040628"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:04 |
| S89 | 10272 | (370/206 375/235 375/260<br>375/261 375/298)".ccls" and<br>spreading adj code adj<br>generator same (IDFT ifft<br>inverse adj fourier adj<br>transform inverse adj<br>discrete adj fourier adj<br>transform) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:11 |
| S90 | 1     | (370/206 375/235 375/260<br>375/261 375/298).ccls. and<br>spreading adj code adj<br>generator same (IDFT ifft<br>inverse adj fourier adj<br>transform inverse adj<br>discrete adj fourier adj<br>transform)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>19:12 |
| S91 | 4     | "3099795".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/09<br>20:12 |
| S92 | 3     | (US-20030122697-\$).did. or<br>(US-7330496-\$ or US-<br>7301893-\$).did.   | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>16:32 |
| S93 | 5     | ("20020051433"  <br>"20030095529"   "5282222"<br>  "5555268"   "5574747").<br>PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>16:50 |

| S94  | 0     | S93 and (spread\$3 despread<br>\$3) near5 (dft idft)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>16:51 |
|------|-------|---|---|----|----|---------------------|
| S95  | 1     | S93 and (spread\$3 despread<br>\$3) same (dft idft)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>16:51 |
| S96  | 10272 | (370/206 375/235 375/260<br>375/261 375/298)".ccls" and<br>spreading adj code same<br>(IDFT ifft inverse adj fourier<br>adj transform inverse adj<br>discrete adj fourier adj<br>transform)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:01 |
| S97  | 28    | (370/206 375/235 375/260<br>375/261 375/298).ccls. and<br>spreading adj code same<br>(IDFT ifft inverse adj fourier<br>adj transform inverse adj<br>discrete adj fourier adj<br>transform)              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:01 |
| S98  | 42    | (370/206 375/235 375/260<br>375/261 375/298).ccls. and<br>(spread\$3 modulat\$3) adj<br>code same (IDFT ifft inverse<br>adj fourier adj transform<br>inverse adj discrete adj<br>fourier adj transform) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:01 |
| S99  | 7     | S98 and @ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:02 |
| S100 | 0     | inverse adj discrete adj<br>transform same (spread\$3<br>walsh gold polyphase<br>modulat\$3) adj2 code\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:09 |
| S101 | 50    | inverse adj discrete adj<br>fourier same (spread\$3<br>walsh gold polyphase<br>modulat\$3) adj2 code\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:09 |
| S102 | 20    | S101 and<br>@ad<="20030710"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:09 |

| S103 | 2   | "20050031018"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>10:20 |
|------|-----|--|---|----|----|---------------------|
| S104 | 1   | multiple adj access adj matri<br>\$3 same IDFT   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>10:32 |
| S105 | 2   | "7164706".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>10:34 |
| S106 | 1   | "7164706".pn. and IDFT   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>10:38 |
| S107 | 2   | "20030165184"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>10:46 |
| S108 | 3   | "20050018753"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>10:52 |
| S109 | 1   | "20050031018" and idft   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>19:37 |
| S110 | 550 | (spreading near2 code near2<br>generat\$3 (pn pseudo adj<br>random)) same (idft ifft<br>inverse near2 (discrete<br>fourier)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>21:55 |
| S111 | 226 | S110 and<br>@ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>21:55 |

| S112 | 75  | S111 and generat\$3 near5<br>(idft ifft inverse near2<br>(discrete fourier)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>21:56 |
|------|-----|--|---|----|----|---------------------|
| S113 | 6   | phase adj coded adj<br>communication adj system.ti.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>22:14 |
| S114 | 0   | "7330496".pn. and inverse<br>adj fourier adj transform adj<br>section        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>23:48 |
| S115 | 2   | "7330496".pn. and inverse<br>adj fourier                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/22<br>23:48 |
| S116 | 5   | adft same ift  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/23<br>11:57 |
| S117 | 32  | idft same ift  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/23<br>11:57 |
| S118 | 767 | idft same ifft   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/23<br>11:57 |
| S119 | 199 | S118 and<br>@ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/23<br>11:57 |
| S120 | 2   | "7372891".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/23<br>12:54 |

| S121 | 1 | "7372891".pn. and despread<br>\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/23<br>12:54 |
|------|---|--|---|----|----|---------------------|
| S122 | 2 | "7330496".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:13 |
| S123 | 3 | inverse adj discrete adj<br>fourier adj transform same<br>spreading adj code adj<br>generat\$3             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:17 |
| S124 | 5 | inverse adj discrete adj<br>fourier adj transform and<br>spreading adj code adj<br>generat\$3 and spreader | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:19 |
| S125 | 2 | "20060198342"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:22 |
| S127 | 2 | "7330496".pn. and inverse<br>near3 transform   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:32 |
| S128 | 0 | "7330496".pn. and inverse<br>near3 transform and<br>spreader   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:34 |
| S129 | 2 | "7330496".pn. and inverse<br>near3 transform and spread<br>\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:34 |
| S130 | 2 | "7330496".pn. and "22"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:39 |

| S131 | 25 | idft same spreader   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>18:59 |
|------|----|--|---|----|----|---------------------|
| S132 | 8  | S131 and<br>@ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>19:00 |
| S134 | 41 | idft same (modulat\$3 and<br>CDMA)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>19:02 |
| S135 | 15 | S134 and<br>@ad<="20030710"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>19:03 |
| S136 | 1  | "10563248"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>23:04 |
| S137 | 1  | "20060198342" and spreader   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>23:05 |
| S138 | 1  | "20060198342" and spreading near2 code near2 generator same inverse adj discrete adj fourier | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>23:07 |
| S139 | 1  | "20060198342" and spreading near2 code near2 generator same discrete adj fourier             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/31<br>23:18 |

## **EAST Search History (Interference)**

< This search history is empty>

6/1/10 12:31:49 PM

H:\ East\ Workspaces\ 10563248.wsp